

11/03/99



Jc670 U.S. PTO

Docket No.: 52467-062

UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)Jc511 U.S. PTO
09/433380

11/03/99

Box PATENT APPLICATION

Assistant Commissioner for Patents

Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Jae Hyuk CHO

FOR: MULTI STACKER FOR HANDLER

Enclosed are:

- ☒ 11 pages of specification, claims, abstract.
- ☒ Declaration and Power of Attorney.
- ☒ Priority Claimed.
- ☐ Certified copy of _____
- ☒ 7 sheets of formal drawing.
- ☒ An assignment of the invention to MIRAE CORPORATION
and the assignment recordation fee.
- ☐ An associate power of attorney.
- ☒ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☐ Information Disclosure Statement, Form PTO-1449 and reference.
- ☒ Return Receipt Postcard
- ☒ Correspondence Address Change

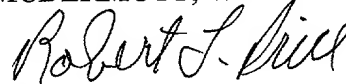
The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	9	-20	0	\$18.00	\$0.00
Independent Claims	1	-3	0	\$78.00	\$0.00
Multiple Dependent Claim(s)					\$0.00
Basic Fee					\$760.00
Total of Above Calculations					\$760.00
Less ½ for Small Entity					\$380.00
Assignment & Recording Fee					\$40.00
Total Fee					\$420.00

- ☒ Please charge my Deposit Account No. 500417 in the amount of \$420.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Robert L. Price

Registration No. 22,685

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 RLP:dtb
Date: November 3, 1999
Facsimile: (202) 756-8087

Docket No.: 52467-062

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Jae Hyuk CHO :
Serial No.: : Group Art Unit:
Filed: November 03, 1999 : Examiner:
For: MULTI STACKER FOR HANDLER :

TRANSMITTAL OF VERIFIED STATEMENT
CLAIMING SMALL ENTITY STATUS

Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

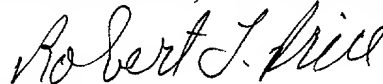
Transmitted herewith for filing in the above referenced application is the following:

VERITIFIED STATEMENT CLAIMING SMALL ENTITY STATUS -

SMALL BUSINESS CONCERN

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Robert L. Price

Registration No. 22,685

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 RLP:dtb
Date: November 3, 1999
Facsimile: (202) 756-8087

Applicant or Patentee: _____ Attorney's Docket No.: _____
Serial or Patent No.: _____
Filed or Issued: _____
For: _____

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF ORGANIZATION: MIREA CORPORATION

ADDRESS OF ORGANIZATION: 9-2 Chaam-dong, Chunan-si, Choongchungnam-do, Korea

I hereby declare that the above identified small business concern qualified as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled MULTI STACKER FOR HANDLER
by inventor(s)
described in

- ☒ the specification filed herewith.
☐ application Serial No. _____, filed _____
☐ patent no. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Moon Soul CHUNG

TITLE IN ORGANIZATION: President

ADDRESS OF PERSON SIGNING: 9-2 Chaam-dong, Chunan-si, Choongchungnam-do, Korea

SIGNATURE: Moon Soul Chy

DATE: October 21, 1999

TITLE OF THE INVENTION

MULTI-STACKER OF HANDLER

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a multi-stacker of a handler for classifying and stacking a test tray served with a device tested by the test, and more particularly to a multi-stacker of a handler in which after a device served in a test tray is contacted with a test of a test site to be tested and is classified to be served on each test tray according to the classification for unloading.

Description of the Prior Art

In general, a produced device in the manufacturing process is, in regular sequence, fed by an elevator of a horizontal or vertical handler to be tested by a tester.

As the result of test, the good device is separated from the bad device so that the only good device is outputted.

The device for being tested its performance is served in a test tray to move toward a test portion and is contacted with a tester to be tested.

At this time, the tested device is classified according to a classification and the classified device is again classified to be unloaded by a multi-stacker.

As shown in Figs.1 and 2, a conventional handler frame 10 is, at the upper portion thereof, secured with a plurality of mount brackets 108. An unloading base plate 104 formed longitudinally with a long-hole 106 therein is disposed perpendicularly to the handler frame 10 by the mount bracket 108. Furthermore, the long hole 106 of the unloading base plate 10 is inserted with one end of the tray plate 110 to be placed the test tray thereon and is inserted with a plurality of tray plates 110, in regular sequence, at a predetermined portion therefrom.

The tray plate 110 is provided with a plurality of pins 118 so that the test tray is correctly placed thereon. The tray plate 110 is, at one side thereof, formed with a tray guide 116 to be placed with the test tray without movement.

Furthermore, the tray plate 110 is, at the lowest portion thereof, installed with a belt bracket thereby to move up/down by the belt.

Furthermore, a pulley bracket 122 is installed at the unloading base plate 104 on the belt bracket 120. The pulley bracket 122 is installed with a shaft 126 coupled with a pulley 124 to move by a motor not shown. Therefore, the pulley 124 coupled to the shaft 126 is rotated according to the rotation of the motor so that the belt not shown wound to the pulley 124 is rotated thereby to move up/down the belt bracket 120. Accordingly, the tray plate 110 moves up/down.

Meanwhile, a stopper base 128 is installed at the lower portion of the pulley bracket 122. The pulley bracket 122 is installed at the outside of the unloading base plate 104. The stopper base 128 is, at the right portion thereof, secured with a cylinder 132 to move up/down. The stopper 130 is, the right side thereof, connected to the lower end of the cylinder 132 secured to the stopper base 128. The tray plates 110 moves up/down by the belt not shown rotating by the rotating power from the motor.

At this time, “┐”-shaped stopper 130 is, at the left end thereof, formed with a PAW to control a rising height when the tray plate 110 moves up. Furthermore, the stopper 130 is, the central portion thereof, secured by the hinge to move up/down by the cylinder 132.

The multi-stacker having the above-construction is installed with a plurality of tray plates by a predetermined interval thereby causing the space to be increased therefor. Furthermore, because the position of the multi-stacker is controlled by the cylinder, the apparatus become complicated its construction.

Furthermore, it is very difficult to stack the classified device and the classification of the device can not be variable.

SUMMARY OF THE INVENTION

Accordingly, the present invention has been invented solve the above problems, it is an object to provide a multi-stacker of a handler in which a stacker is simplified its construction and an apparatus becomes small its size to stack a test tray served with

variously classified devices so that correct and rapid stacking operation can be accomplished.

To accomplish above object, the present invention provides a multi-stacker of a handler comprising: a stacker frame installed longitudinally on a handler frame and coupled with a side plate; a tray stacking portion for stacking a test tray served with a classified distributed device in the stacker frame; a guide for determining the position of a tray plate placed on the test tray and installed four edges for preventing the tray plate from being deviate; and a tray up/down movement means for moving up and down along the inside of the guide and for unloading the test tray served with a classified device.

The stacker frame is, at the lower portion thereof, installed with a support plate and the support plate is, at the inside of the lower portion thereof, installed with a stopper to move transversely.

The stopper moves transversely by a linear cylinder installed at the upper portion thereof. The stopper is, at the entire surface thereof, formed with a protrusion to fix the tray plate.

The tray stacking portion is placed with a plurality of tray plates to classify and stack the test tray served with the classified device.

The tray up/down movement means comprises: an up/down movement plate placed thereon with a plurality of tray plates; a LM rail secured its one side with a rack and installed longitudinally at the lower portion of the up/down movement plate; a LM block installed longitudinally along the LM rail for sliding; a bracket secured to one side of the LM block and secured to the lower portion of the handler frame; a motor provided with a pinion gear for moving up/down the up/down movement plate with a rack of the LM rail; and a bracket inserted with the motor for rotating the pinion gear.

The up/down movement plate is, at the lower portion thereof, connected with the top side of the LM rail and is, installed with the support plate for attenuating the distortion and vibration of the up/down movement plate.

The LM rail is, at the lower portion thereof, installed with a pair of support

plates for attenuating the shock and vibration of the LM rail.

The guide moves transversely by the linear cylinder for easy the test tray to be controlled.

BRIEF DESCRIPTION OF THE DRAWINGS

Other objects and aspects of the invention will become apparent from the following description of embodiments with reference to the accompanying drawings in which:

Fig. 1 is a perspective view of a conventional multi-stacker of a handler;

Fig. 2 is a side view of Fig. 1;

Fig. 3 is a perspective view of the multi-stacker of the handler according to the present invention;

Fig. 4 is a disassembly perspective view of Fig. 3;

Fig. 5 is a perspective view of a up/down movement means to move up/down a multi-stacker of a handler;

Fig. 6 is a side view of Fig. 5; and

Fig. 7 is a side view for the construction of the multi-stacker.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Fig. 3 is a perspective view of the multi-stacker of the handler according to the present invention; Fig. 4 is a disassembly perspective view of Fig. 3; Fig. 5 is a perspective view of a up/down movement means to going up/down a multi-stacker of a handler; Fig. 6 is a side view of Fig. 5; and Fig. 7 is a side view for the construction of the multi-stacker.

Referring to Fig. 3 to Fig. 7, a multi-stacker of a handler according to the present invention comprises: a stacker frame 12 installed longitudinally on a handler

frame and coupled with a side plate 14; a tray stacking portion 98 for classifying and stacking a test tray served with a classified device according to the classification in the stacker frame 12; a guide 16 for determining the position of a tray plate 22 placed on the test tray and installed four edges for preventing the tray plate 22 from being deviated; and a tray up/down movement means 96 for moving up and down along the inside of the guide 16 and for unloading the test tray served with a classified device according to the classification the tray plate 22.

The stacker frame 12 is, at the lower portion thereof, installed with a support plate 31 and the support plate 31 is, at the inside of the lower portion thereof, installed with a stopper 42 to move transversely.

The stopper 42 moves transversely by a linear cylinder 44 installed at the upper portion thereof.

The stopper 42 is, at the entire surface thereof, formed with a protrusion to fix the tray plate 22.

The tray stacking portion 98 is placed with a plurality of tray plates 22 to classify and stack the test tray served with the classified device.

The tray up/down movement means 96 comprises: an up/down movement plate 24 placed thereon with a plurality of tray plates 22; a LM rail 26 secured with a rack 28 at its one side and installed longitudinally at the lower portion of the up/down movement plate 24; a LM block 34 installed longitudinally along the LM rail 26 for sliding; a bracket 32 secured to one side of the LM block 34 and secured to the lower portion of the handler frame 10; a motor 38 provided with a pinion gear 36 for moving up/down the up/down movement plate 24 with a rack 28 of the LM rail 26; and a bracket 40 inserted horizontally with the motor 38 for rotating the pinion gear 36.

The up/down movement plate 24 is, at the lower portion thereof, connected with the top side of the LM rail 26 and installed with the support plate 30 for attenuating the distortion and vibration of the up/down movement plate 24.

The LM rail 26 is, at the lower end thereof, installed with a pair of support plates 33 for attenuating the shock and vibration of the LM rail 26.

More detail description for the multi-stacker having the above construction follows.

The base 100 of the handler is formed with a square-shaped frame and is, at the upper portion thereof, placed with a handler frame 10.

The handler frame 10 is, at the right upper portion thereof, installed with the multi-stacker 102. The multi-stacker 102 serves to classify and stack each test tray served with a classified device after test.

The multi-stacker 102 is installed with the stacker frame 12 having a four sides-opened box shape and is, at right and left sides thereof, installed with a pair of support plates 31. The support plate 22 is, at the lower portion thereof, installed with the stopper for fixing the ascending tray plates 22.

Furthermore, the stopper 42 is, at the entire surface thereof, formed with the protrusion 43 and is, at the upper portion thereof, installed with the linear cylinder 44 for moving the stopper toward right and left.

Meanwhile, the support plate 31 is, at the lower portion thereof, installed with the side plate 14 facing each other from right and left, and is, at the inside thereof, installed with the tray stacking portion 98 for stacking the tray plates 22 formed with the locking groove 45 at both sides.

The tray stacking portion 98 is constructed so that the stacker frame 12 is, at four edges thereof, secured with the guide 16, the sensor 20 is secured by the sensor bracket 18 to be secured at one side of the guide 16. Furthermore, the tray stacking portion 98 is constructed so that a plurality of tray plates 22 is continuously stacked along the inner surface of the guide 16 to move up/down, and is, at the lower portion thereof installed with the tray up/down movement means 96 to support the tray plates 22 and to move up/down for classifying and stacking the test tray served with the classified device between the tray plates 22.

Furthermore, it is easy to attach or detach the tray plate so that the number of classification level for stacking the test tray can be changed in variety.

The tray up/down movement means 96 supports the tray plates 22. The up/down movement plate 24 is, at the lower portion thereof, secured with the LM rail 26 and is, at the upper end thereof, installed with the support plate 30 to connect the up/down movement plate 24 to the LM rail 26 and to attenuate the distortion and vibration of the up/down movement plate 24.

The LM rail 26 is, at one side thereof, secured with the rack 28 formed with a plurality of gears, and is, at other side thereof, installed the LM block 34 thereby to move up/down the LM rail 26. The LM block 34 is secured to the handler frame 10. Furthermore, the LM rail 26 is, at the lower end thereof, installed with a pair of support plates 33 to attenuate the vibration and shock of the LM rail 26.

At this time, the motor 38 is installed at the bracket 40 secured to the handler frame 10. The pinion gear 36 for rotating by the rotating power from the motor 38 is engaged with the rack 38.

Accordingly, the rack 28 repeats up/down movement by the rotation of the pinion gear 36.

The operation of multi-stacker having the above-construction will now be described.

The tested device at the test site is separated a good device from a bad device and is classified according to the classification. When the test tray served with the classified device, the motor 38 drives the pinion gear 36 to rotate thereby to move up the rack 28.

At this time, the LM rail 26 secured with the rack 28 is guided by the LM block 34 to move up/down, and, at the same time, the tray plates 22 placed on the up/down movement plate 24 is ascended toward the inside of the stacker frame 12.

The ascended tray plate 22 is its protrusion 43 inserted to be secured to the locking groove 45 by the stopper 42 installed at the support plate 31.

Because the stopper 42 moves forward and backward in right and left direction

by the linear cylinder 44, the linear cylinder 44 operates the stopper 42 to move forward when the tray plate 22 on the up/down movement plate 24 ascends.

At this time, the protrusion 43 of the stopper 43 is coupled with the locking groove 45 of the tray plate 22 thereby to secure the upper tray plate 22 of the desired tray plate 22 among the classified tray plates 22.

Meanwhile, other tray plates 22 moves down by a predetermined distance along the up/down movement plate 24, the test tray is placed on the tray plate 22 and, at the same time, the up/down movement plate 24 again ascends to contact with the tray plate 22 so that the stopper 42 moves backward to release the tray plate 22.

Accordingly, the up/down movement plate 24 is moved down with the test tray.

If the test tray serves with level II of the classified device, the tray plate 22 disposed at the highest portion is secured by the stopper, the test tray is placed on the second tray plate 22 to move down. By repeating the above operations the test tray served with the classified device can be unloaded.

According to the present invention having the above description simplifies its construction and easy stacks a classified device as well as sets its position correctly and rapidly.

Having described specific preferred embodiment of the invention with reference to the accompanying drawings, it is to be understood that various changes and modifications may be effected therein by one skilled in the art without departing from the scope or spirit of the invention as defined in the appended claims.

WHAT IS CLAIMED IS:

1. A multi-stacker of a handler comprising;
 - a stacker frame installed longitudinally on a handler frame and coupled with a side plate;
 - a tray stacking portion for stacking a test tray served with a classified distributed device in the stacker frame;
 - a guide for determining the position of a tray plate placed on the test tray and installed four edges for preventing the tray plate from being deviate; and
 - a tray up/down movement means for moving up and down along the inside of the guide and for unloading the test tray served with a classified device.
2. The multi-stacker of the handler in accordance with claim 1, wherein said stacker frame is, at the lower portion thereof, installed with a support plate and the support plate is, at the inside of the lower portion thereof, installed with a stopper to move transversely.
3. The multi-stacker of the handler in accordance with claim 1, wherein said stopper moves transversely by a linear cylinder installed at the upper portion thereof.
4. The multi-stacker in accordance with claim 2, wherein said stopper is, at the entire surface thereof, formed with a protrusion to fix the tray plate.
5. The multi-stacker in accordance with claim 1, wherein said tray stacking portion is placed with a plurality of tray plates to classify and stack the test tray served with the classified device.
6. The multi-stacker in accordance with claim 1, wherein said tray up/down movement device comprises: an up/down movement plate placed thereon with a plurality of tray plates; a LM rail secured its one side with a rack and installed longitudinally at the lower portion of the up/down movement plate; a LM block installed longitudinally along the LM rail for sliding; a bracket secured to one side of the LM block and secured to the lower portion of the handler frame; a motor provided with a pinion gear for moving up/down the up/down movement plate with a rack of the LM rail; and a bracket inserted with the motor for rotating the pinion gear.

7. The multi-stacker of the handler in accordance with claim 6, wherein said the up/down movement plate is, at the lower portion thereof, connected with the top side of the LM rail and is, installed with the support plate for attenuating the distortion and vibration of the up/down movement plate.

8. The multi-stacker in accordance with claim 6, wherein said LM rail is, at the lower portion thereof, installed with a pair of support plates for attenuating the shock and vibration of the LM rail.

9. The multi-stacker in accordance with claim 1, wherein said guide moves transversely by the linear cylinder for easy the test tray to be controlled.

ABSTRACT OF THE DISCLOSURE

The present invention relates to a multi-stacker of a handler in which after a device served in a test tray is contacted with a test of a test site to be tested and is classified thereby to unload on each test tray according to the classification. The present invention provides a multi-stacker of a handler including; a stacker frame installed longitudinally on a handler frame and coupled with a side plate; a tray stacking portion for stacking a test tray served with a classified distributed device in the stacker frame; a guide for determining the position of a tray plate placed on the test tray and installed four edges for preventing the tray plate from being deviate; and a tray up/down movement means for moving up and down along the inside of the guide and for unloading the test tray served with a classified device.

FIG. 1

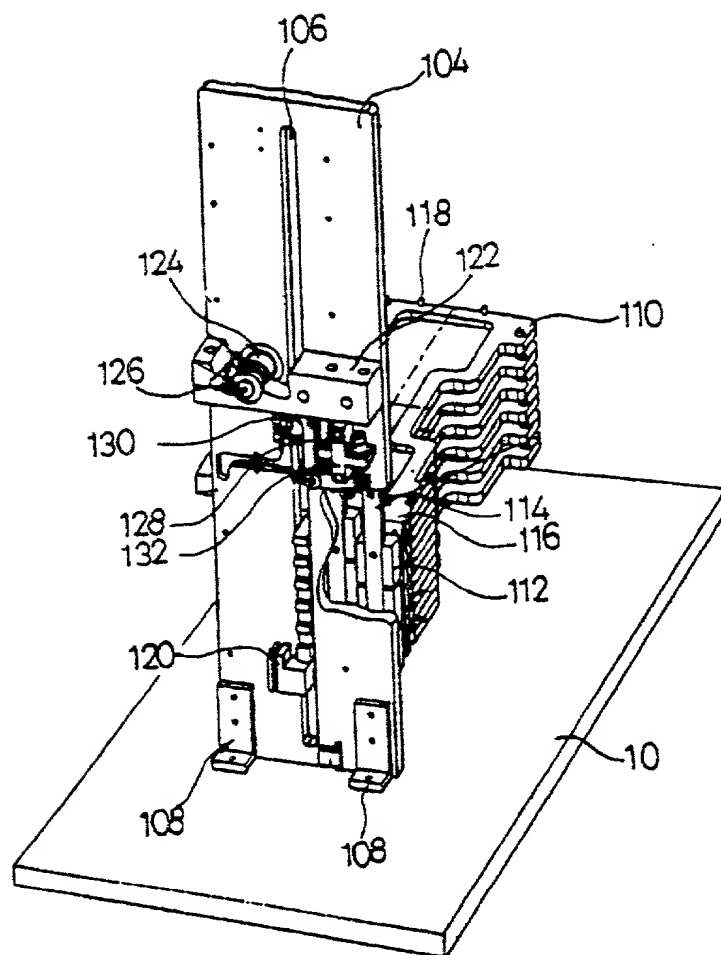


FIG. 2

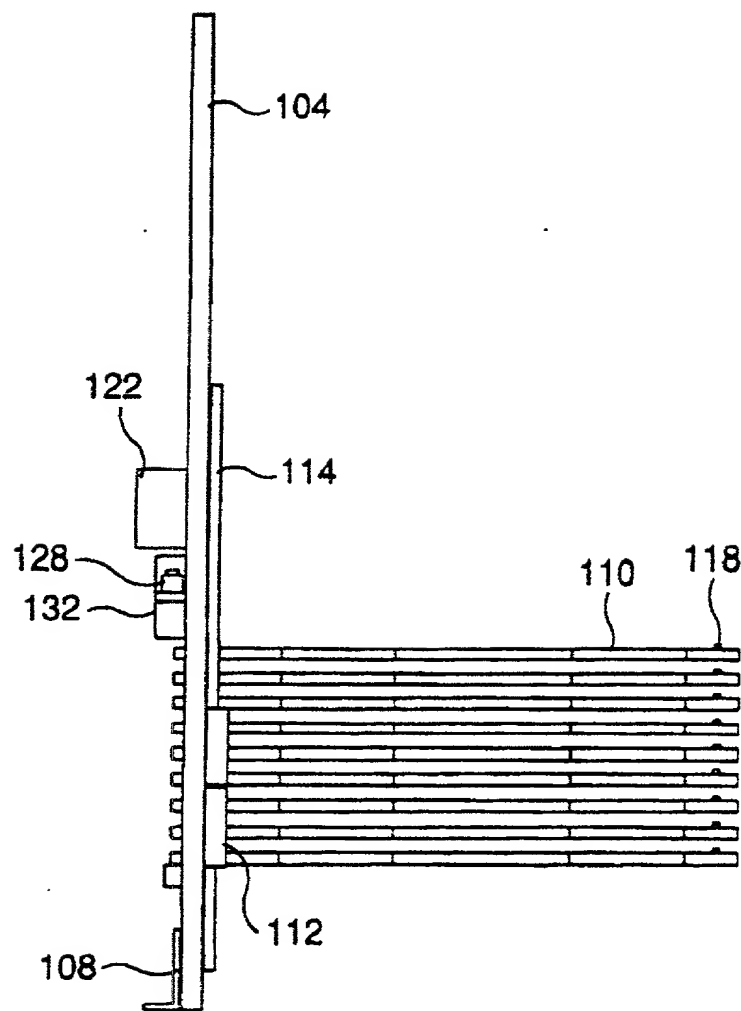


FIG. 3

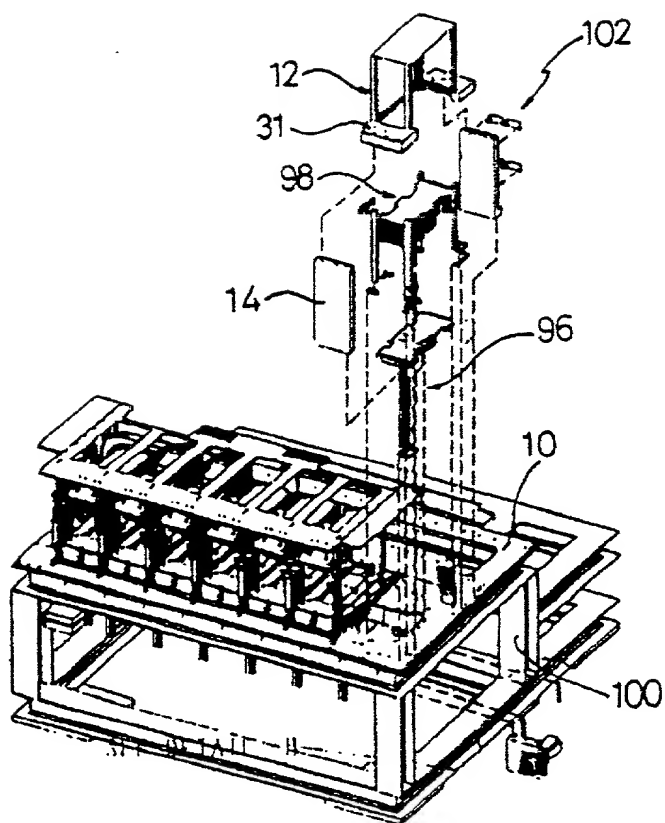


FIG. 4

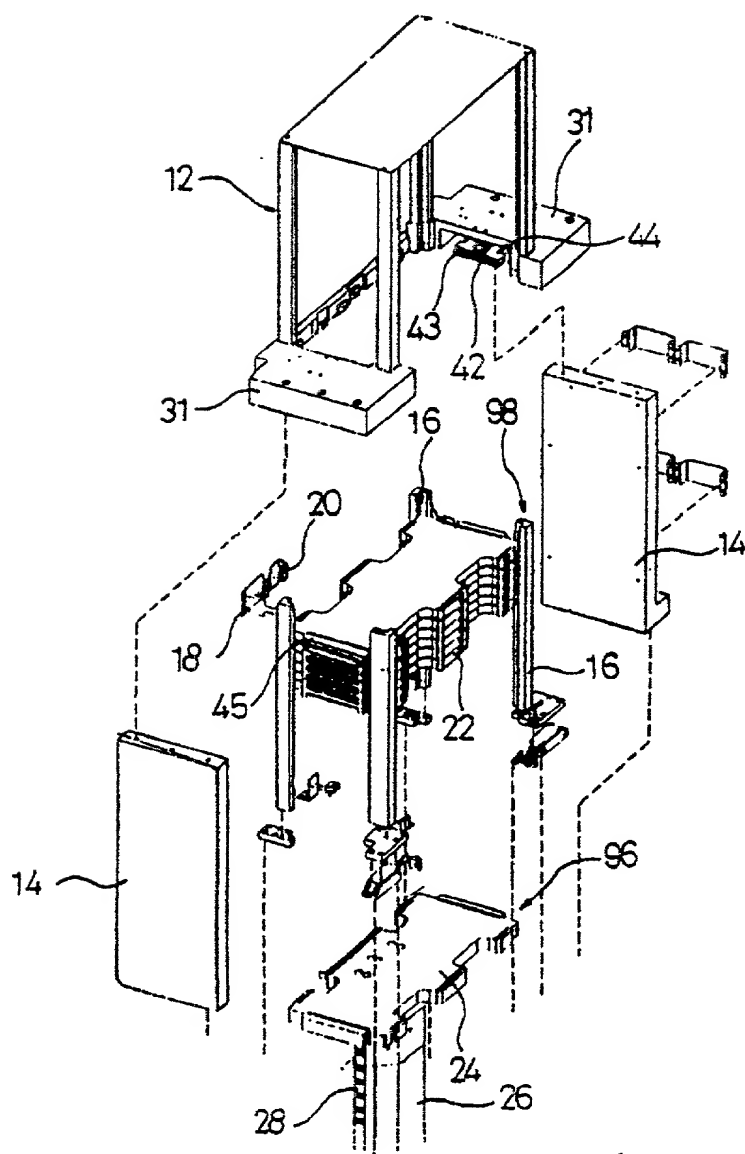


FIG. 5

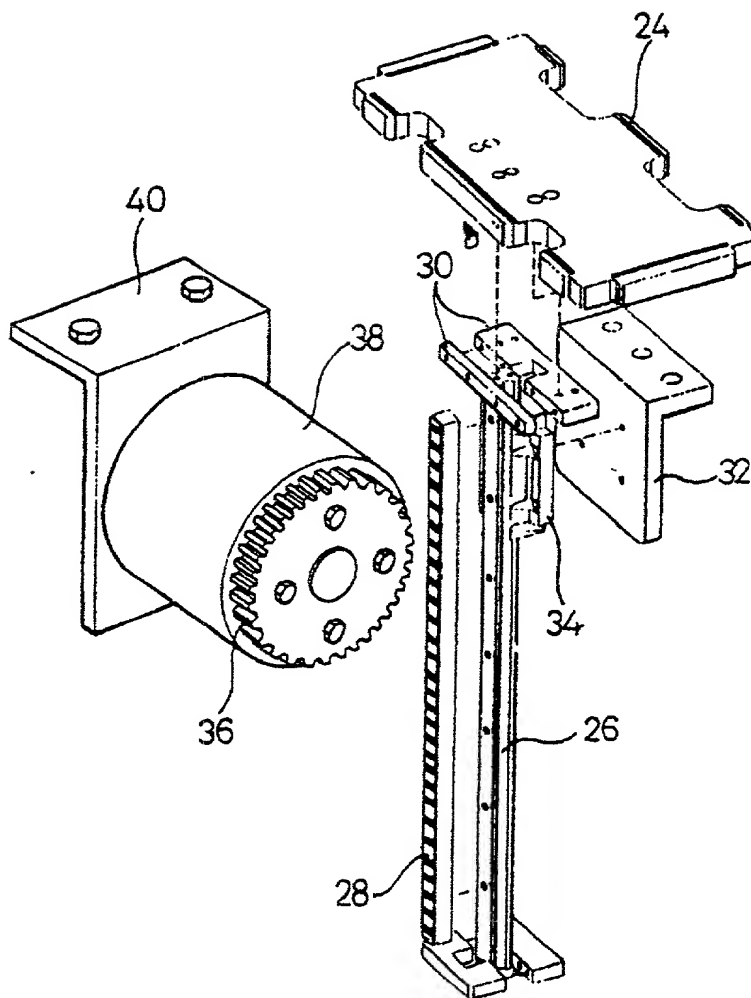


FIG. 6

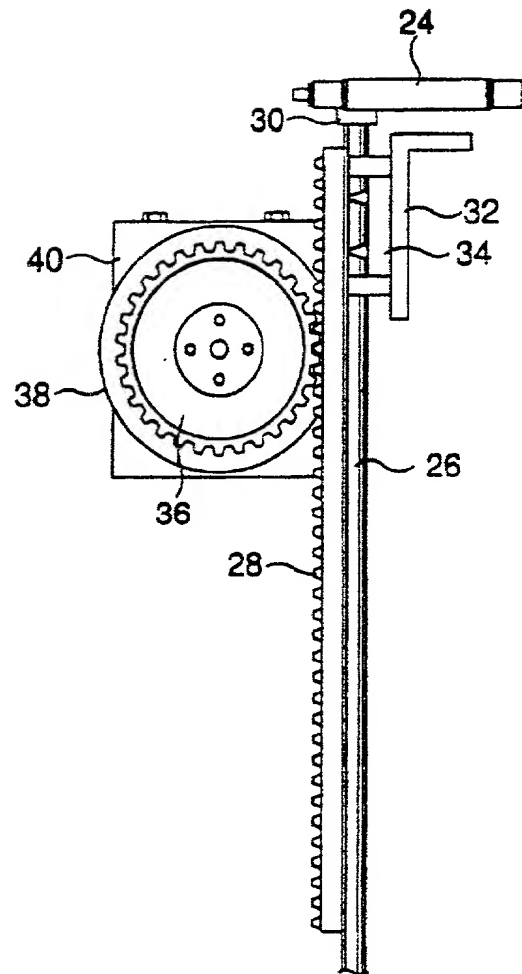
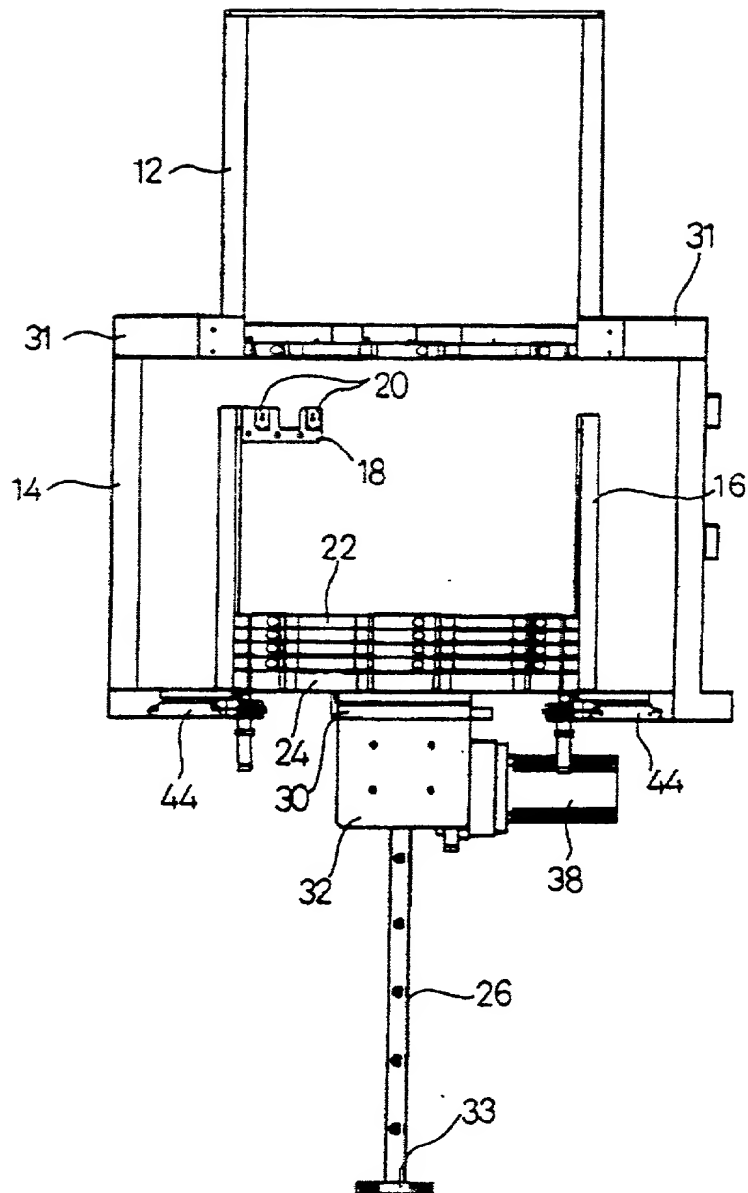


FIG. 7



Docket No.: _____

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled _____

MULTI STACKER FOR HANDLER

the specification of which

☒ is attached hereto ☐ was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year filed</u>
1998-47608	KR	6 November, 1998

<u>Yes</u>	<u>No</u>
x	

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s):

<u>Application Number</u>	<u>Filing Date</u>
---------------------------	--------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Application(s):

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status: Patented, Pending, Abandoned</u>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made

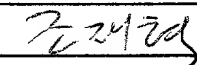
are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Stanislaus Aksman, Reg. No. 28,562; Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; William H. Beha, Reg. No. 38,038; John G. Bisbikis, Reg. No. 37,095; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Wilhelm F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Thomas A. Jolly, Reg. No. 39,241; Eric J. Kraus, Reg. No. 36,190; Edward E. Kubasiewicz, Reg. No. 30,020; Robert E. LeBlanc, Reg. No. 17,219; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39,762; Michael E. McCabe, Jr., Reg. No. 37,182; James H. Meadows, Reg. No. 33,965; Michael A. Messina, Reg. No. 33,424; Joseph H. Paquin, Jr., Reg. No. 31,647; Craig L. Plastrik, Reg. No. 41,254; Robert L. Price, Reg. No. 22,685; Paul A. Roberts, Reg. No. 40,289; Gene Z. Robinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; Michele M. Schafer, Reg. No. 34,717; David J. Serbin, Reg. No. 30,589; Glenn Snyder, Reg. No. 41,428; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Leon R. Turkevich, Reg. No. 34,035; Christopher D. Ward, Reg. No. 41,367; Damian G. Wasserbauer, Reg. No. 34,749; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

McDERMOTT, WILL & EMERY
99 Canal Center Plaza, Suite 300
Alexandria, Virginia 22314

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Full name of sole or first inventor: Jae Hyuk CHO

Inventor's signature: 

Date: October 15, 1999

Residence: Kyungki-do, Korea

Citizenship: Korea

Post Office Address: Hanyang APT. 316-2705, Sibumdanji, 91 Seohyun-dong, Bundang-ku, Seongnam-si, Kyungki-do, Korea

Full name of second joint inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Full name of third joint inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
:
Jae Hyuk CHO :
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Serial No.: : Group Art Unit:
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Filed: November 03, 1999 : Examiner:
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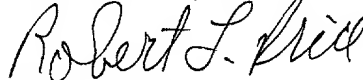
Please change the records to indicate the current firm name and telephone number for the
above-identified application and forward all future correspondence as follows:

McDERMOTT, WILL & EMERY
600 13th Street, N.W.
Washington, DC 20005-3096

202-756-8000
Facsimile: 202-756-8087

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Robert L. Price
Registration No. 22,685

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 RLP:dtb
Date: November 3, 1999
Facsimile: (202) 756-8087